



SENIOR RESEARCH ASSISTANT IN CELL BIOLOGY

About EnGeneIC and the New Role:

EnGeneIC is a clinical-stage biotechnology company which has developed a first-in-class nanocellular cyto-immunotherapeutic for cancer treatment. The nanocells are not only cytotoxic to cancer cells but also stimulate the patient's immune system, resulting in an unprecedented two-pronged approach to attacking cancer. Recently, we have also developed another first-in-class vaccine against COVID-19 that is showing early promise in a Phase I clinical trial.

We are seeking a skilled Research Assistant in Cell Biology/Immunology to become a committed member of Team EnGeneIC. The successful applicant will be involved in critical in-house experiments.

Essential requirements for this position are a B.Sc (Hons) or M.Sc and a minimum of 5 years laboratory experience, as are the following criteria which are equally weighted.

- Australian citizenship or permanent residency.
- Proven track record in tissue culture of mammalian tumour cell lines and in setting up and maintaining master and working cell banks.
- Cell biology techniques including the establishment of primary tumour cells, transfection and cytotoxicity assays.
- Established expertise in flow cytometry including isolation and analysis of PBMCs, including experience culturing immune cells, their activation and their characterization.
- Experience with ELISA assays and immunocytochemistry techniques.
- Demonstrated ability in the analysis and reporting of results of both routine and research activities both in written form and orally to the Managing Directors.

Desirable selection criteria for this position are:

- Techniques such as FACS is highly desirable.
- Immunocytochemistry techniques and confocal microscopy.
- Ability to write protocols for and carry out experiments in nude mice or mouse models of cancer under guidelines from the EnGeneIC Animal Ethics Committee, including tail vein injection, and setting up of tumour xenografts or isografts.
- Experience in 3-D spheroid cell culture.
- Experience with molecular biology techniques.



In order to be selected as an EnGene, you need to have:

- Excellent communication skills, both orally and in written reports.
- Positive can-do attitude, a commitment to work as part of a results- oriented Team and flexibility.
- A strong commitment to quality and be meticulous in detail.
- Proven loyalty.

If you are excited about the idea of joining Team EnGeneIC, can commence promptly if you are successful, please forward your CV with a covering letter addressing the selection criteria and the names of two referees to:

Dr. Nancy Mugridge,

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